

CRITICALITY PREVENTION**3.3.1****EVAPORATOR LEVEL AND SPECIFIC GRAVITY INSTRUMENTATION**

LCO: The evaporator Low Level/Steam Flow Interlock shall be OPERABLE with a setpoint greater than or equal to XX.

AND

The evaporator High Specific Gravity/Steam Flow Interlock shall be OPERABLE with a setpoint less than or equal to YY.

MODE

APPLICABILITY: OPERATION

PROCESS AREA

APPLICABILITY: Evaporators that handle fissile material.

ACTIONS

CONDITION	ACTION	COMPLETION TIME
A. The Evaporator Low Level/Steam Flow Interlock is inoperable.	A.1 Stop the steam supply to the evaporator.	IMMEDIATELY
	<u>AND</u> A.2. Place the evaporator in STANDBY.	8 Hours
B. The Evaporator High Specific Gravity/Steam Flow Interlock is inoperable	B.1 Stop the steam supply to the evaporator.	IMMEDIATELY
	<u>AND</u> B.2 Place the evaporator in STANDBY.	8 Hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE REQUIREMENT	FREQUENCY
SR 3.3.1.1 Perform a FUNCTIONAL TEST on each evaporator Low Level/Steam Flow Interlock.	6 Months
SR 3.3.1.2 Perform a FUNCTIONAL TEST on each evaporator High Specific Gravity/Steam Flow Interlock.	6 Months
SR 3.3.1.1 Perform a CALIBRATION on each evaporator Low Level/Steam Flow Interlock.	1 Year
SR 3.3.1.2 Perform a CALIBRATION on each evaporator High Specific Gravity/Steam Flow Interlock.	1 Year